



- **Source 3:** Classic fission spectrum, thermal-heavy, mean ~1.19 MeV.
- **Source 5:** Boosted fission, slightly shifted to higher energies, mean ~1.50 MeV.
- **Source 8:** Thermonuclear, balanced fission-fusion mix, mean ~2.00 MeV.
- **Source 13:** Enhanced radiation, fusion-dominated, mean ~6.00 MeV.

These plots would visually confirm the progression from fission-dominated (Sources 3, 5) to fusion-influenced (Sources 8, 13) spectra, with Source 13's unique high-energy peak highlighting its design for neutron output.

